Refine Search

Search Results -

Terms	Documents
L6 and steady state	36

US Pre-Grant Publication Full-Text Database US Patents Full-Text Database US OCR Full-Text Database Database: EPO Abstracts Database JPO Abstracts Database Derwent World Patents Index IBM Technical Disclosure Bulletins

Search:

ь7		-	R	efine Search
<u> </u>	Recall Text 👄	Clear		

Search History

DATE: Tuesday, May 31, 2005 Printable Copy Create Case

Set Name side by side	Query	<u>Hit</u> Count	Set Name result set
DB=I	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ		
<u>L7</u>	L6 and steady state	36	<u>L7</u>
<u>L6</u>	L5 and (explos\$6 or flam\$6)	302	<u>L6</u>
<u>L5</u>	L4 and (560/\$ or 562/\$)	1045	<u>L5</u>
<u>L4</u>	L3 and reactor	14234	<u>L4</u>
<u>L3</u>	L2 and cataly\$6	38901	<u>L3</u>
<u>L2</u>	L1 and (Propylene or propane or acrolein or isobutylene or methacrolein or xylene or naphthalene or benzene or butane)	53806	<u>L2</u>
<u>L1</u>	OXID\$5 and gas and oxygen and absor\$6	111141	<u>L1</u>

END OF SEARCH HISTORY

Clear Generate Collection Print Fwd Refs Bkwd Refs
Generate OACS

Search Results - Record(s) 1 through 10 of 36 returned.

1. Document ID: US 20050038291 A1

L7: Entry 1 of 36 File: PGPB

Feb 17, 2005

PGPUB-DOCUMENT-NUMBER: 20050038291

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050038291 A1

TITLE: Preparation of (meth) acrolein and/or (meth) acrylic acid

PUBLICATION-DATE: February 17, 2005

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Petzoldt, Jochen Weisenheim am Berg DE
Unverricht, Signe Mannheim DE
Arnold, Heiko Nanjing CN
Muller-Engel, Klaus Joachim Stutensee DE
Dieterle, Martin Mannheim DE

US-CL-CURRENT: 562/545; 568/476

Full Title Citation Front Review Classific	cation Date Reference	Sequences Attachi	ments Claims KWIC Draw (
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2. Document ID: US 20040199006 A1

L7: Entry 2 of 36 File: PGPB

Oct 7, 2004

PGPUB-DOCUMENT-NUMBER: 20040199006

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040199006 A1

TITLE: Production of aromatic carboxylic acids

PUBLICATION-DATE: October 7, 2004

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Graham, Derek Alexander Cleveland GB
Hamley, Paul Anthony Nottingham GB
Oliver, Raymond Stockton On Tees GB
Poliakoff, Martyn Nottingham GB

Record List Display Page 2 of 5

Woodcock, Duncan C.

Cheshire

GB

Ilkenhans, Thomas

Cambridge

GB

US-CL-CURRENT: '562/412

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | / Drawl De

3. Document ID: US 20040015012 A1

L7: Entry 3 of 36

File: PGPB

Jan 22, 2004

PGPUB-DOCUMENT-NUMBER: 20040015012

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040015012 A1

TITLE: Safe operation of a continuous heterogeneously catalyzed gas-phase partial

oxidation of at least one organic compound

PUBLICATION-DATE: January 22, 2004

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Hammon, Ulrich Mannheim DE
Meschke, Jochen Otterstadt DE
Rauh, Ulrich Frankenthal DE
Muller-Engel, Klaus Joachim Stutensee DE
Schlemmer, Peter Eisenberg DE

US-CL-CURRENT: <u>562/532</u>; <u>562/542</u>, <u>702/22</u>

Full: Title: Citation Front Review Classification Date Reference Sequences Attachments Claims KNAC Draw Da

4. Document ID: US 20030187294 A1

L7: Entry 4 of 36

File: PGPB

Oct 2, 2003

PGPUB-DOCUMENT-NUMBER: 20030187294

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030187294 A1

TITLE: Process for producing <u>catalysts</u> comprising nanosize metal particles on a porous support, in particular for the <u>gas-phase oxidation</u> of ethylene and acetic

acid to give vinyl acetate

PUBLICATION-DATE: October 2, 2003

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Hagemeyer, Alfred Frankfurt DE Dingerdissen, Uwe Seeheim-Jugenheim DE Kuhlein, Klaus

Kelkheim

DE

Manz, Andreas

Sinzheim

DE

Fischer, Roland

Neckargemund

DE

US-CL-CURRENT: 560/241; 502/325, 502/344

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KOMC	Drafu De

5. Document ID: US 20020173674 A1

L7: Entry 5 of 36

File: PGPB

Nov 21, 2002

Nov 21, 2002

PGPUB-DOCUMENT-NUMBER: 20020173674

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020173674 A1

TITLE: Production, purification and polymerization of aromatic dicarboxylic acids

PUBLICATION-DATE: November 21, 2002

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47 Rao, Krishna Kulai Kingwood TΧ US Sellen, Russell D. Beaumont TX US Feng, Xiaobing Houston TX US Spanswick, James Wheaton ILUS Huber, William F. JR. Naperville ILUS

US-CL-CURRENT: <u>560/77</u>; <u>560/78</u>

Full	Title	Citation Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KOMC	Draw De
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J	6.	Document ID:	US 20	020173673	A1						

File: PGPB

PGPUB-DOCUMENT-NUMBER: 20020173673

PGPUB-FILING-TYPE: new

L7: Entry 6 of 36

DOCUMENT-IDENTIFIER: US 20020173673 A1

TITLE: Production, purification and polymerization of aromatic dicarboxylic acids

PUBLICATION-DATE: November 21, 2002

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47 Rao, Krishna Kulai Kingwood TX US Sellen, Russell D. Beaumont ΤX US Feng, Xiaobing Houston TX US

Record List Display Page 4 of 5

US-CL-CURRENT: <u>560/77</u>; <u>560/78</u>

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KANC Draw De

7. Document ID: US 20020028968 A1

L7: Entry 7 of 36

File: PGPB

Mar 7, 2002

Jun 14, 2001

PGPUB-DOCUMENT-NUMBER: 20020028968

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020028968 A1

TITLE: Production of aromatic carboxylic acids

PUBLICATION-DATE: March 7, 2002

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47 Graham, Derek Alexander Cleveland GB Hamley, Paul Anthony Nottingham GB Ilkenhans, Thomas Cambridge GB Oliver, Raymond Stockton on Tees GB Poliakoff, Martyn Nottingham GB Woodcock, Duncan C. Cheshire GB

US-CL-CURRENT: 562/415

L7: Entry 8 of 36

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KMC Draw De 8. Document ID: US 20010003783 A1

File: PGPB

PGPUB-DOCUMENT-NUMBER: 20010003783

PGPUB-FILING-TYPE: new-utility

DOCUMENT-IDENTIFIER: US 20010003783 A1

TITLE: Method for preventing effluent gas pipe from blocking

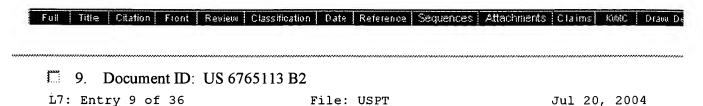
PUBLICATION-DATE: June 14, 2001

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47 Nishimura, Takeshi Hyogo JΡ Matsumoto, Yukihiro Hyogo JP Nakahara, Sei Hyogo JP Inada, Misao Hyogo JP Hirao, Harunori Hyogo JP Takamura, Mamoru JP Hyogo

Record List Display Page 5 of 5

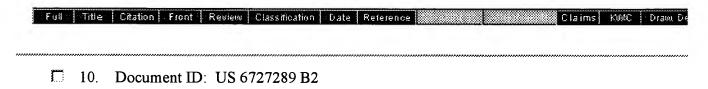
US-CL-CURRENT: <u>562/512</u>



US-PAT-NO: 6765113

DOCUMENT-IDENTIFIER: US 6765113 B2

TITLE: Production of aromatic carboxylic acids



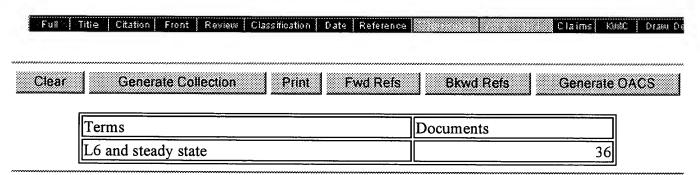
File: USPT

US-PAT-NO: 6727289

DOCUMENT-IDENTIFIER: US 6727289 B2

L7: Entry 10 of 36

TITLE: Boron promoted <u>catalysts</u> and fischer-tropsch processes



Change Format Display Format: -Previous Page Next Page Go to Doc# Apr 27, 2004

Clear **Generate Collection** Bkwd Refs Print Fwd Refs Generate OACS

Search Results - Record(s) 11 through 20 of 36 returned.

11. Document ID: US 6651731 B2

L7: Entry 11 of 36

File: USPT

Nov 25, 2003

US-PAT-NO: 6651731

DOCUMENT-IDENTIFIER: US 6651731 B2

TITLE: Method for cooling heating grade heat exchanger in unsteady state

Full Title Citation Front Review Classification Date Reference Claims KMC Draw De 12. Document ID: US 6642407 B2

L7: Entry 12 of 36

File: USPT

Nov 4, 2003

US-PAT-NO: 6642407

DOCUMENT-IDENTIFIER: US 6642407 B2

TITLE: Production, purification and polymerization of aromatic dicarboxylic acids

Full Title Citation Front Review Classification Date Reference Claims KWC Draw De

13. Document ID: US 6603038 B1

L7: Entry 13 of 36

File: USPT

Aug 5, 2003

US-PAT-NO: 6603038

DOCUMENT-IDENTIFIER: US 6603038 B1

TITLE: Method for producing catalysts containing metal nanoparticles on a porous support, especially for gas phase oxidation of ethylene and acetic acid to form vinyl acetate

Full Title Citation Front Review Classification Date Reference

14. Document ID: US 6566551 B2

L7: Entry 14 of 36

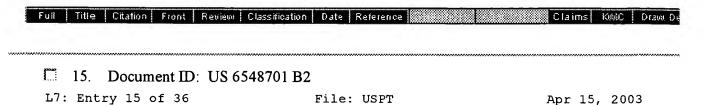
File: USPT

May 20, 2003

US-PAT-NO: 6566551

DOCUMENT-IDENTIFIER: US 6566551 B2

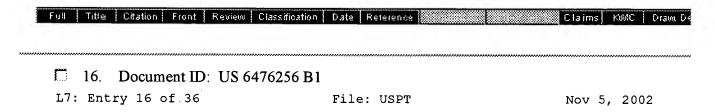
TITLE: Method for preventing effluent gas pipe from blocking



US-PAT-NO: 6548701

DOCUMENT-IDENTIFIER: US 6548701 B2

TITLE: Process for the preparation of 3-(methylthio)propanal



US-PAT-NO: 6476256

DOCUMENT-IDENTIFIER: US 6476256 B1

TITLE: Process and apparatus for preparation of phosphorus oxyacids from elemental

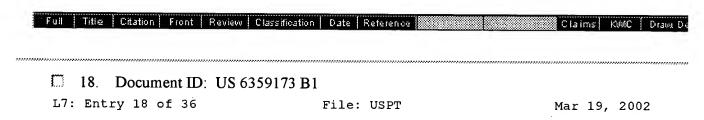
phosphorus

Full Title Citation Front Review	170000000000000000000000000000000000000	Claims KuiC Draw D
17. Document ID: US 6	5420595 B1	

US-PAT-NO: 6420595

DOCUMENT-IDENTIFIER: US 6420595 B1

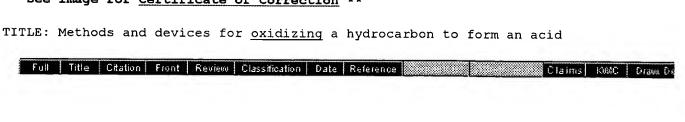
TITLE: Process control for vinyl acetate manufacture



US-PAT-NO: 6359173

DOCUMENT-IDENTIFIER: US 6359173 B1

** See image for <u>Certificate of Correction</u> **



19. Document ID: US 6320076 B1

L7: Entry 19 of 36

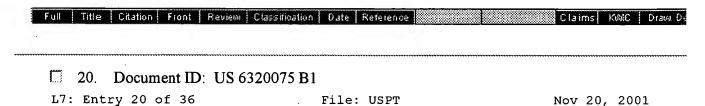
File: USPT

Nov 20, 2001

US-PAT-NO: 6320076

DOCUMENT-IDENTIFIER: US 6320076 B1

TITLE: Process for the preparation of 3-(methylthio) propanal

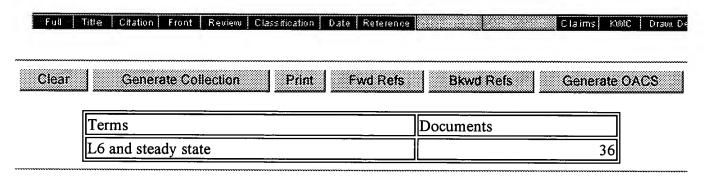


US-PAT-NO: 6320075

DOCUMENT-IDENTIFIER: US 6320075 B1

TITLE: Process and apparatus for preparing saturated carboxylic acids having one to

four carbon atoms



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Clear Generate Collection Print Fwd Refs Bkwd Refs Generate OACS

Search Results - Record(s) 21 through 30 of 36 returned.

21. Document ID: US 6288270 B1

L7: Entry 21 of 36

File: USPT

Sep 11, 2001

US-PAT-NO: 6288270

DOCUMENT-IDENTIFIER: US 6288270 B1

TITLE: Methods for controlling the reaction rate of a hydrocarbon to an acid by

making phase-related adjustments

Full Title Citation Front Review Classification Date Reference 22. Document ID: US 6143843 A L7: Entry 22 of 36 Nov 7, 2000 File: USPT

US-PAT-NO: 6143843

DOCUMENT-IDENTIFIER: US 6143843 A

TITLE: Simulated condensing mode

Full Title Citation Front Review Classification Date Reference Claims KWWC Draws De 23. Document ID: US 6114575 A L7: Entry 23 of 36

File: USPT

US-PAT-NO: 6114575

DOCUMENT-IDENTIFIER: US 6114575 A

TITLE: Process for preparing 2,6-naphthalenedicarboxylic acid

Full Title Citation Front Review Classification Date Reference Claims KMC Draw De

24. Document ID: US 5925794 A

L7: Entry 24 of 36

File: USPT

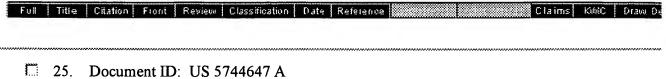
Jul 20, 1999

Sep 5, 2000

US-PAT-NO: 5925794

DOCUMENT-IDENTIFIER: US 5925794 A

TITLE: Process for the preparation of 3-(methylthio)propanal



L7: Entry 25 of 36

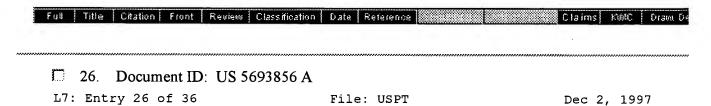
File: USPT

Apr 28, 1998

US-PAT-NO: 5744647

DOCUMENT-IDENTIFIER: US 5744647 A

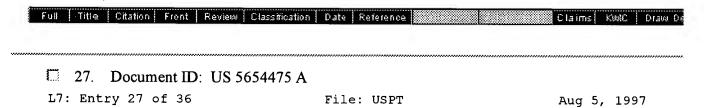
TITLE: Process for the preparation of 3-(methylthio) propanal



US-PAT-NO: 5693856

DOCUMENT-IDENTIFIER: US 5693856 A

TITLE: Production of terephthalic acid

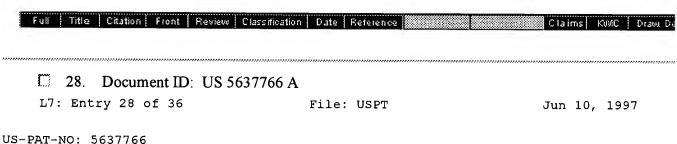


US-PAT-NO: 5654475

DOCUMENT-IDENTIFIER: US 5654475 A

TITLE: Methods of making intermediate oxidation products by controlling oxidation

rates in an atomized liquid



DOCUMENT-IDENTIFIER: US 5637766 A

TITLE: Process for the preparation of 3-(methylthio) propanal



29. Document ID: US 5373030 A

L7: Entry 29 of 36

File: USPT

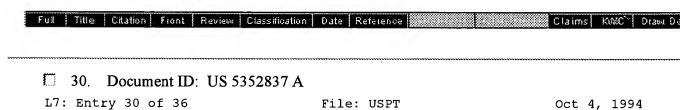
Dec 13, 1994

US-PAT-NO: 5373030

DOCUMENT-IDENTIFIER: US 5373030 A

TITLE: Polyurethane foams having improved retention of insulative properties and

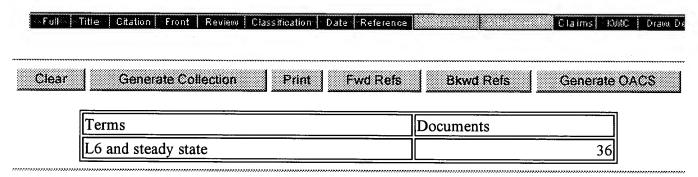
methods for the preparation thereof



US-PAT-NO: 5352837

DOCUMENT-IDENTIFIER: US 5352837 A

TITLE: Process for the preparation of 3-(methylthio)propanal



Display Format: - Change Format

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Clear Generate Collection Print Fwd Refs Bkwd Refs
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Search Results - Record(s) 31 through 36 of 36 returned.

31. Document ID: US 5347046 A

L7: Entry 31 of 36

File: USPT

Sep 13, 1994

US-PAT-NO: 5347046

DOCUMENT-IDENTIFIER: US 5347046 A

TITLE: Catalyst and process for using same for the preparation of unsaturated

carboxylic acid esters

Full. Title Citation Front Review Classification Date Reference Claims NWC Draw. De Cl

US-PAT-NO: 4952547

DOCUMENT-IDENTIFIER: US 4952547 A

** See image for Certificate of Correction **

TITLE: Catalyst for converting methane to higher hydrocarbons, including aromatic

compounds

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | Claims | KNNC | Drava De | Claims | Company | C

File: USPT

US-PAT-NO: 4504675

DOCUMENT-IDENTIFIER: US 4504675 A

L7: Entry 33 of 36

TITLE: Method for making isobutyric acid or esters thereof

Full Title Citation Front Review Classification Date Reference Claims KMC Draw De

34. Document ID: US 4327226 A

L7: Entry 34 of 36

File: USPT

Apr 27, 1982

Mar 12, 1985

US-PAT-NO: 4327226

DOCUMENT-IDENTIFIER: US 4327226 A

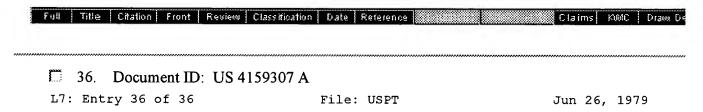
TITLE: Process and apparatus for producing aromatic dicarboxylic acids

Full Title Citation Front Revis	w Classification Date Reference	Claims KOMC Draw De
······································	······································	
35. Document ID: US	S 4219508 A	
L7: Entry 35 of 36	File: USPT	Aug 26, 1980

US-PAT-NO: 4219508

DOCUMENT-IDENTIFIER: US 4219508 A

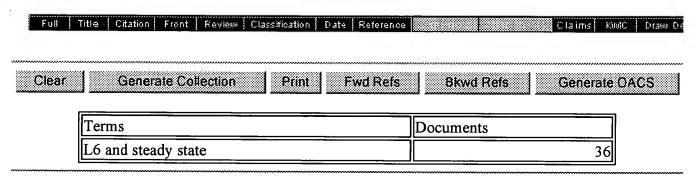
TITLE: Process for the preparation of low molecular weight polyhydroxyl compounds



US-PAT-NO: 4159307

DOCUMENT-IDENTIFIER: US 4159307 A

TITLE: Apparatus for producing aromatic dicarboxylic acids



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